



201.68320

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## PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Zhang et al.  
Serial No.: 10/671,434  
Conf. No.: 5812  
Filed: 09/24/2003  
For: METHOD AND APPARATUS  
FOR ANALYZING  
PERFORMANCE OF A  
HYDRAULIC PUMP  
Patent No.: 7,013,223  
Issued: 3/14/2006  
Art Unit: 3746  
Examiner: Kocz Jr., Michael

)  
) I hereby certify that this paper is being deposited with the  
) United States Postal Service as FIRST-CLASS mail in an  
) envelope addressed to: Commissioner for Patents, P.O. Box  
) 1450, Alexandria, VA 22313-1450, on this date.

May 4, 2006

Date

Registration No. 43,874

F-CLASS.WCM

Attorney for Applicant

Appr. February 20, 1998

Certificate  
MAY 12 2006  
of Correction

REQUEST FOR CERTIFICATE OF CORRECTION UNDER RULE 322

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with 37 C.F.R. § 1.322, patentees, through their attorneys,  
respectfully request that a Certificate of Correction be issued in the above-referenced patent.

The errors occurred as a result of mistakes on the part of the Patent and  
Trademark Office and the changes include the following:

MAY 12 2006

IN THE ISSUED PATENT:

Abstract, page 1, line 8, after “pump” please delete “and/or a type” and insert --and/or the type-- therefor. (Amendment after Notice of Allowance Under 37 C.F.R. § 1.312 , filed December 2, 2005, P. 9).

Page 2, column 2, line 44, after “and” please delete “R. Due,” and insert --R. Du,-- therefor. (Information Disclosure Statement filed November 22, 2004, acknowledged in Office Action mailed September 8, 2005).

Column 12, line 66, after “pressure” please delete “signal wavelet to” and insert --signal to-- therefor. (Examiner’s Amendment, mailed November 7, 2005, Claim 1, P. 2, L. 9).

Column 12, line 67, after “reference” please insert --wavelet--. (Examiner’s Amendment, mailed November 7, 2005, Claim 1, P.2, L. 9).

Column 13, line 46, after “for” please delete “the decomposition” and insert --a decomposition-- therefor. (Amendment after Notice of Allowance Under 37 C.F.R. § 1.312 , filed December 2, 2005, Claim 8, P. 5, L. 2).

MAY 18 2006

Column 14, line 2, after “pump;” please insert --and--. (Examiner’s Amendment, mailed January 19, 2006, Claim 11, P. 2, L. 5).

Column 14, line 3, after “generating” please delete “the evaluating” and insert -  
-an evaluating-- therefor. (Amendment after Notice of Allowance Under 37 C.F.R. § 1.312 ,  
filed December 2, 2005, Claim 11, P. 6, L. 6).

Column 14, line 52, after “pressure” please delete “signal wavelet to” and  
insert --signal to-- therefor. (Examiner’s Amendment, mailed November 7, 2005, Claim 18,  
P. 2, L. 9).

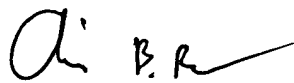
Column 14, line 53, after “reference” please insert --wavelet--. (Examiner’s  
Amendment, mailed November 7, 2005, Claim 18, P. 2, L. 9).

## REMARKS

A Certificate of Correction incorporating the delineated changes is enclosed in duplicate herewith. Since the mistakes were on the part of the Patent and Trademark Office, a Certificate of Correction should be issued without expense to the patentee and such is respectfully requested.

Respectfully submitted,

GREER, BURNS & CRAIN, LTD.

By   
Arik B. Ranson  
Registration No. 43,874

**Customer No. 24978**

May 4, 2006

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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 7,013,223  
DATED : March 14, 2006  
INVENTOR(S) : Zhang et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

### In the Issued Patent:

Abstract, page 1, line 8, after "pump" please delete "and/or a type" and insert --and/or the type-- therefor.

Page 2, column 2, line 44, after "and" please delete "R. Due," and insert --R. Du,-- therefor.

Column 12, line 66, after "pressure" please delete "signal wavelet to" and insert --signal to-- therefor.

MAILING ADDRESS OF SENDER:

PATENT NO 7,013,223

Arik B. Ranson  
GREER, BURNS & CRAIN, LTD.  
300 South Wacker Drive, 25th Floor  
Chicago, IL 60606

Page 1 of 3

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MAR 18 2006

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